

19980511.qrp v01_n088.qrs.980511

Date: Mon, 11 May 1998 19:03:10 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1088

QRP-L Digest 1088

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- 1) [10662] Fw: SGC-2020 I received one!
by "Vincent Ferme" <vferme@sprint.ca>
- 2) [10663] Re: Log Sheets
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- 3) [10664] Goof-proof
by haf47@juno.com
- 4) [10665] WTB Bug FS. Ten Tec 1340 kit, Bencher Straight Key
by Jack Mc Kie KC2BBW <mjmckie@frontiernet.net>
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by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
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- 16) [10677] Re: bi-directional ant question
by "John D. Erskine" <y794@victoria.tc.ca>
- 17) [10678] Re: Rf burns
by Frank Kienast <fgk@iquest.net>
- 18) [10679] Re: Rf burns
by Monte Stark <ku7y@dri.edu>
- 19) [10680] QRP For Sale

- by bcutter@teal.csn.net (Bob Cutter)
- 20) [10681] Re: Rf burns
by Ray Dennis <w0ddq@yahoo.com>
- 21) [10682] Re: 20m
by Peter Larsen <larsenp@cadvision.com>
- 22) [10683] Some items sold
by "Charles L. Stackhouse" <cstack@safelink.net>
- 23) [10684] 2x QRP DX on 10m
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
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- 27) [10688] RE: 20m
by gregoire@endor.com
- 28) [10689] Re: 6m long wire antenna
by Zack Lau <zlau@arrl.org>
- 29) [10690] Fed Bobtail from Corner?
by "Steve Galchutt" <n0tu@webaccess.net>
- 30) [10691] NrC/QRPTTF pics
by Roger Hightower <n7kt@earthlink.net>
- 31) [10692] NEW ICT8A/HP - 6M FM?
by kreinbd@ccgate.dl.nec.com (David Kreinberg)
- 32) [10693] Elmer101: VFO torroid prep question
by Michael Maiorana <mikemo@ibm.net>
- 33) [10694] Schurr hand key for sale
by John McKee <JMckee@RFMD.com>
- 34) [10695] QRP Dayton VHF/UHF frequencies
by "Scott Rosenfeld [NF3I]" <ham@w3eas.umd.edu>
- 35) [10696] RE: 6 meter long wire antenna
by "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 36) [10697] Cool Radiotelescope Tour (longish)
by Andy Fox <foxes@theriver.com>
- 37) [10698] Re: Elmer101: VFO torroid prep question
by aa5yx@juno.com (John Harper AA5YX/2)
- 38) [10699] Re: Desoldering
by "Tracy, Michael, KC1SX" <mtracy@arrl.org>
- 39) [10700] Lithium-Metal Batts. & Charger -- ARS & Backpackers Take Note
by "Bob Follett" <bfollett@ditell.com>
- 40) [10701] Re: Cool Radiotelescope Tour (longish)
by KC5TJA <kc5tja@topaz.axisinternet.com>
- 41) [10702] Memory Keyer and Paddle
by mwattcpa@earthlink.net (Marty Watt)
- 42) [10703] Re: More Q's
by Tellefsen Bob-CNSE97 <cns97@lmpsil02.comm.mot.com>
- 43) [10704] Re: Elmer101: VFO torroid prep question

by applitech@mcg.net (Claton Cadmus)

44) [10705] Re: Log Sheets
by Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>

45) [10706] Re: email abbreviations
by "Robert P. Okas" <vintage@best.com>

46) [10707] Elmer101: All's Quiet?
by Michael Maiorana <mikemo@ibm.net>

47) [10708] Ten-Tec PTO help needed
by Tom Cooper <cooper@gmpvt.com>

48) [10709] Ahhoooga Ahhoooga, DIVE DIVE DIVE!!!!!!
by "David, n2zhy" <n2zhy@amsat.org>

49) [10710] Journey to 160 Meters
by Ed Loranger <we6w@qsl.net>

50) [10711] Re: Cool Radiotelescope Tour (longish)
by Paul Harden <pharden@aoc.nrao.edu>

51) [10712] QRPP Reprints
by Sam Billingsley <SBillingsley@usaninc.com>

52) [10713] Re: More Q's
by PDouglas12 <PDouglas12@aol.com>

53) [10714] NorCal pizza gathering and unveiling
by "Michael A. Gipe" <mgipe@reliablemeters.com>

54) [10715] Re: Ahhoooga Ahhoooga, DIVE DIVE DIVE!!!!!!
by Roger Hightower <n7kt@earthlink.net>

55) [10716] FYBO Listings Redux
by Joe Gervais <vole@primenet.com>

56) [10717] Heathkit green again
by "Michael A. Gipe" <mgipe@reliablemeters.com>

57) [10718] FS/trade: P200MMX computer
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>

58) [10719] SOLUTION TO BI-DIRECTIONAL ANTENNA
by jdenison@morelr.com (JOEL DENISON)

59) [10720] Planes, Trains, Subs.....and...
by tom whalen <whalen@swcp.com>

60) [10721] FYBO Logs by Score (2nd try)
by Joe Gervais <vole@primenet.com>

61) [10722] FYBO Logs by Temp (2nd try)
by Joe Gervais <vole@primenet.com>

62) [10723] Re: Ahhoooga Ahhoooga, DIVE DIVE DIVE!!!!!!
by Paul Harden <pharden@aoc.nrao.edu>

63) [10724] Re: Planes, Trains, Subs.....and...
by chunt@macromedia.com (Christian Hunt)

64) [10725] Re: Ahhoooga Ahhoooga, DIVE DIVE DIVE!!!!!!
by Paul Harden <pharden@aoc.nrao.edu>

65) [10726] Madison, Wi area QRP-Ler to Dayton?
by Goemans <jgoemans@facstaff.wisc.edu>

66) [10727] Re: Ahhoooga Ahhoooga, DIVE DIVE DIVE!!!!!!
by "Fred Ringwald" <fred@innocent.com>

Date: Sun, 10 May 1987 18:04:42 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: <qrp-1@Lehigh.EDU>
Subject: [10662] Fw: SGC-2020 I received one!
Message-ID: <003a01b12703\$f38b6ca0\$713167d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Another review.

73 de Vince, VE3VFN.

-----Original Message-----
From: Tom Nicastrì <tnic@IDT.NET>
Newsgroups: rec.radio.amateur.equipment
Date: Sunday, May 10, 1998 10:48 AM
Subject: SGC-2020 I received one!

>
>Received a new SGC-2020 yesterday (after a considerable wait). So be
>advised
>I don't have much stick time on the radio (though I have done a little
>besides play with it).
>
>With less than 24 hours of use ownership - The radio exceeds my
>expectations all around.
>
>My other radio is a Yaesu FT-847 with 2m, 440, 6m & HF. the 847 has all
>the
>bells and whistles. I have also used a 20 year old FT-7 and an modern
>FT-900
>(both are HF rigs).
>
>The 2020 comes from another train of thought - more along the lines of
>simplicity and efficiency. In this day of features on features... the
>2020
>has no menu. Its button driven. But seems to work very well. Like all
>radios I have owned (including the 847) you have to get used to the
>operating setup. But on a radio intended for desktop, portable,
>battery
>and mobile operation it all seems to work out very well. Simplicity is
>indeed welcome change from the geegaw festooned radios out there
>today!

>And the radio is built like a brick outhouse.
>
>This radio is the most solidly built hunk of radio gear I have ever
>purchased. The outer housing is thick aluminum and looks bomb proof.
>
>While its bent towards simplicity important features were included, not
omitted.
>It has band pass filter, shift (and plenty more).
>
>I have not had the radio running for hours on end so I can t say how
stable
>it is after its been warmed up . But I have done plenty of side by
side
>comparisons with the 847. I have the 2020 and 847 on the same antenna
with
>a switch.
>
>The receive on the 2020 is darn close to the 847 (which costs 3 times
the
>price). The 847 does have a slight advantage on very weak signals but
the
>2020 exceeds all my expectations by a long shot! I am reluctant to say
the
>847 has an advantage because I have not become accustomed using the
2020
>effectively yet. The 2020 has an excellent receive.
>My first contact was Spain on 20 watts using a Spiro trapped dipole!
>
>The audio output has a good sound (better than my 847)
>
>I have found no problems or undesirable traits on the rig. Like every
radio I have
>owned lately I thought some things were not working right only to find
out I was not
>following the instructions correctly. Only feature I have not mastered
is
>the calibrate function I will try again later when I am fresh.
>
>The printed material in the package says the radio will output 20 watts
the
>power setting went up to 27 watts.
>
>The radio is very compact for portable use. My first outing will be
an
>extended kayaktrip. But that s on hold tillweI work out the battery
life
>for the 2020.
>

>
>I am a tough critic. Well done SGC. The 2020 is done right!
>
>=TOM=
>
>

Date: Sun, 10 May 1998 18:19:44 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: Alan Kaul W6RCL <alan.kaul@worldnet.att.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [10663] Re: Log Sheets
Message-ID: <Pine.GS0.3.96.980510180915.24278C-100000@larry>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Alan,

Your home brew word processor log sheets are even easier to make today using any of the word processors that come with computers. Setting the margins to 1/2" (rather than 1" text standard) one can invoke the table-maker that come with most programs these days. The columns can be sized for whatever width each entry takes naturally, and the print size for the headings adjusted for best fit in the top or header boxes. Then the page self-fills (or almost self-fills--it may take a specification of the number of lines) with entry spaces. And most printers will handle landscape (page the long way) as well as portrait (page vertical) printing to suit what works best for the individual.

Then the user has two choices: either to print at home, or to print masters and photocopy in the 2-sided mode, depending on accessibility and local cost, etc.

Home brew log sheets allows the user to customize for special interests, and have special event forms, QRP forms, etc., according to the information one wishes to collect on paper for the sake of happy memories. And the forms can change with time as we change. It is fun going back through my old logs on occasion, and surprising how many simple entries turn into rather vivid memories.

-73-

LB, W4RNL

Date: Sun, 10 May 1998 15:53:01 -0400
From: haf47@juno.com
To: qrp-1@Lehigh.EDU
Subject: [10664] Goof-proof
Message-ID: <19980510.183703.3318.1.haf47@juno.com>

Hi and thanks for reading this post.

I am looking for a copy of an article that appeared in 73 magazine called "The Goof-Proof Regenerative Receiver. I recollect it was a simple one transistor circuit and used a toroid.

It appeared in the November '90 issue.

I kept it around for years, and now that I want it..it's gone.

I'll be glad to pay for copying, and postage. I can also except it thru an on-line account if you can scan it and send it that way.

Thanks in advance es 73, Howard

WA2AFD
haf47@juno.com

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 10 May 1998 19:11:09 -0400
From: Jack Mc Kie KC2BBW <mjmckie@frontiernet.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [10665] WTB Bug FS. Ten Tec 1340 kit, Bencher Straight Key
Message-ID: <3.0.1.32.19980510191109.00a5aaec@mail.frontiernet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

1340 Kit, sections 1 and 2 built and tested, lost interest in this kit.
Make me an offer! First offer I like gets it!

Bencher RJ-1 black base in original box, RCA cord attached, like new condition. \$50.00

WTB(or trade above) Bug, complete and in working condition.

Contact me direct

72 de Jack

Date: Sun, 10 May 1998 19:18:16 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [10666] FS: More Radio SHack Antennas!
Message-ID: <Pine.LNX.3.95.980510191737.26006B-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

OK, not more, but I still have probably 20 left.

Will be bringing them to Dayton.

\$4.75 each.

** Scott Rosenfeld NF3I & AAR3IB/T ** <http://w3eax.umd.edu/~ham> **
** Burtonsville, MD FM19mc * DXCC WAC WAS * QRP-L #147 * AK-QRP **
* Waiting for 6m to open... ** ARRL Life Member/Laurel ARC/UMARA *
** 301-549-1022(h) 301-982-1015(w) *** 35 wpm HF mobile CW Neon **

Date: Sun, 10 May 1998 17:25:27 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-l@Lehigh.EDU
Cc: GQRP-L List <gqrp-l@blacksheep.org>
Subject: [10667] SOLAR 10 MAY
Message-ID: <Pine.SOL.3.91.980510171336.14793A-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The geomagnetic field has been quiet all weekend and nothing to shake it up like last week. Life is good.

This is not to say the sun isn't active ... there have been several M-class flares saturday and sunday, but they have been on the limbs, meaning the particle radiation will be away from the earth. Several large flares have occurred from an area past the east limb which is just now rotating into view. This area appears to be magnetically complex and thus has the potential of producing major flares. And once it begins to "face the earth," particle radiation from a resulting flare will be headed right our way.

But for now, conditions are great, except it would be nice to see the solar flux a bit higher. 10M has been dead here the few times I've checked it, but 15M has been open. Signals a bit weak and mushy, but very low noise. A pileup of some sort on 21.025-.030, but couldn't tell who was on the other end.

> JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
> SDF NUMBER 130 ISSUED AT 2200Z ON 10 MAY 1998

> IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
> EXPECTED TO REMAIN AT QUIET TO UNSETTLED LEVELS THROUGH THE PERIOD.

> IV. PENTICTON 10.7 CM FLUX
> OBSERVED 10 MAY 107
> PREDICTED 11 MAY-13 MAY 108/108/108
> 90 DAY MEAN 10 MAY 108

> V. GEOMAGNETIC A INDICES
> OBSERVED AFR/AP 09 MAY 008/012
> ESTIMATED AFR/AP 10 MAY 010/010
> PREDICTED AFR/AP 11 MAY-13 MAY 012/010-012/010-010/010

72, Paul NA5N

Date: Sun, 10 May 1998 19:29:07 EDT
From: AA3BP <AA3BP@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [10668] Homeowner's Association Attack!
Message-ID: <28e5c1ea.35563844@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

My local homeowners association is attempting to amend the neighborhood covenants to preclude/restrict a variety of things to include antennas -- primarily TV sat dishes, but I fear my wires will get caught up in the fray!

Question: In the recent past, I recall reading somewhere about a new law (proposed or enacted, I'm not sure) which put TV sat dishes under the domain of the FCC and precluded local entities including neighborhood associations from restricting their installation. Anyone remember this? I could use a source for any info on this.

Being to my knowledge the only ham in the neighborhood, I know better than to directly attempt to defend my G5RV, but I wouldn't mind putting a crimp in any plans on outlawing TV dishes. Right now it appears that I'm not too noticed and my good neighbors are primarily after TV. My hope is that if they can't outlaw the dishes, they will leave me alone as well. My current antennas are legal under the existing covenants and may be grandfathered, BUT new installations or even maintenance/replacement could be precluded.

Any clues as to where I might find info on this new law will be greatly appreciated.

Jim, AA3BP

Date: Sun, 10 May 1998 18:00:28 -0600
From: bcutter@teal.csn.net (Bob Cutter)
To: qrp-1@Lehigh.EDU
Subject: [10669] QRP For Sale
Message-ID: <199805110000.SAA20568@mailrelay.sni.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The SLT and GM20 have been spoken for.

72, Bob KI0G

Date: Sun, 10 May 1998 19:09:19 -0500
From: Frank Kienast <fgk@iquest.net>
To: psyodell@mail.provide.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [10670] Re: simple qrp!
Message-ID: <355641AF.7F20@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The season for skip on VHF and up due to atmospheric ducting is coming up. Last summer, I heard people from as far away as Virginia here in Indiana, even in the FM simplex portion of 2 meters. A friend of mine from here talked to someone in Texas using just 5 watts on simplex. He started at a higher power and went down to 5 watts based on the signal report he got. Only lasted a minute or two though. Although the usual time for long-range VHF reception is in the early morning, I have noticed another time when it sometimes kicks in. On a local 2-meter evening net (repeater), I noticed that there tended to be a lot of out-of-area check ins when there had previously been thunderstorms in the area. We would often get people 100-300 miles away, from Illinois, Ohio, and Michigan. Based on casual observations, it seems to me that the best long-range reception on 2 meters occurs a couple of hours after an evening storm, when the storm has left the area but things are still wet. I believe CQ-VHF magazine also had an article on that last year sometime, but I don't remember which issue.

73,
Frank Kienast
KB9QEI

Jerry W. O'Dell wrote:

>
> I just had a bright idea. Most of us have a qrp rig and
> don't know it.
>
> It's called a 2 meter handy-talkie, and I have about ten
> of the things. Most run under 5 watts, so I suppose they'd
> qualify. With a decent antenna (vertical, I suppose), you'd
> put out a very respectable signal.

Date: Sun, 10 May 1998 18:16:37 -0600
From: bcutter@teal.csn.net (Bob Cutter)
To: qrp-l@Lehigh.EDU
Subject: [10671] QRP For Sale
Message-ID: <199805110016.SAA20917@mailrelay.sni.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Only the Oak Hills ExplorerII remains unspoken for.

72, Bob KI0G

Date: Sun, 10 May 1998 20:28:45 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [10672] QRP Calls
Message-ID: <005001bd7c73\$c49abb40\$445445c6@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I worked WQ2RP & WQ3RP during the ARCI QRP
contest and I would like to get their QSL Cards.
Does anyone know their owners address?

Thanks for any info!!

73, Good DXing & QRPing
Ron de WB3AAL

E-mail: wb3aal@talon.net
http://www.kpsnet.com/wb3aal/Start_Page.htm
BBS: WB3AAL @ WB3FYL.#BER.PA.USA.NA

EPA QRP # 1 QRP # 5318 10-10 # 13173
QRP-L # 1099 G-QRP # 3031 AK QRP # 309
Adventure Radio Society #380

Date: Sun, 10 May 1998 20:42:07 EDT
From: J Coote <JCoote@aol.com>
To: rmerriam@csi.com, 50mhz@qth.net, bvarc@clarc.org, qrp-l@Lehigh.EDU
Subject: [10673] Re: [50MHz] 6m long wire antenna
Message-ID: <622ced44.35564960@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-05-10 02:12:44 EDT, rmerriam@csi.com writes:

<< I want to experiment with a wire antenna that is multiple wavelengths of 6
meters. My best setup would be to center feed the antenna, e.g. multiple
1/4 wavelength legs like a dipole. What I read about antennas leaves me

confused on how to maintain a 50 ohm impedance. The best I figure is if the total length is an odd number of 1/2 wavelengths long I should be feeding into 50 ohms. I have space for about 100 feet of antenna which gives me 9 one-half wavelengths at 88 ft (50.15 mhz).

Yes, no, maybe?

Rud Merriam KD5DTV
rmerriam@csi.com
>>

Rud and the Group:

If you center-feed it, the antenna will have to be odd multiples of 1/4 wave. This will provide a lower impedance suitable for a 100, 150 or 200 ohm balun. Another longwire feed method I've read about was to off-center feed the antenna, 1/4 wave on one side and multiples on the other. A balun or un-un may also be required. The antenna will be bi-directional.

Military longwire antennas for 30-88 MHz FM field radios may be shaped like an inverted vee with a counterpoise under the vee. This is bi-directional. Some versions may attach directly to the antenna post on the radio, others may use a coax match device or balun and BNC connection. Some versions of this antenna have a resistive termination of 600 ohms or so at the far end. This makes the antenna uni-directional towards the resistor. Either direct connection to the antenna post, or a 600:50 ohm balun and coax is used as a feed. The resistive-terminated "half-rhombic" designs are broadband and non-resonant, they do not rely on 1/4 or 1/2 wavelengths, pruning or tuning.

73,

Jay Coote
W6CJ
PI-TSCM-COMSEC
jcoote@aol.com

Date: Sun, 10 May 1998 17:53:52 -0700
From: "Don Minkoff" <ad716@lafn.org>
To: "qrp-l list" <qrp-l@Lehigh.EDU>
Subject: [10674] MFJ 30 M. for sale
Message-ID: <199805110052.RAA15652@zoom.lafn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I have a MFJ 9030 for sale. Line new condition. It hasn't seen any activity since I built a Sierra.

Comes complete with built-in keyer and filter plus manual. Asking \$160., includes shipping in US.

Don Minkoff -NK6A
QRP-L#1517
Mar Vista, CA

Date: Sun, 10 May 1998 20:54:28 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [10675] WB3AAL & EPA QRP Club Web Page
Message-ID: <006801bd7c77\$87c307a0\$445445c6@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

I recently made a change in the address for the following Web pages, WB3AAL & EPA QRP Club. If you have my page linked to you organization or personal web page please change the address to the following:

http://www.kpsnet.com/wb3aal/Start_Page.htm

Thank you!
73, Good DXing & QRPing
Ron de WB3AAL

E-mail: wb3aal@talon.net
http://www.kpsnet.com/wb3aal/Start_Page.htm
BBS: WB3AAL @ WB3FYL.#BER.PA.USA.NA

EPA QRP # 1 QRP # 5318 10-10 # 13173
QRP-L # 1099 G-QRP # 3031 AK QRP # 309
Adventure Radio Society #380

Date: Sun, 10 May 1998 20:58:57 EDT
From: ARDUJENSKI <ARDUJENSKI@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [10676] OUTSTANDING 10M QRP SIGS
Message-ID: <f22839d3.35564d52@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Convinced I need to get in as many contacts early in the FOX HUNT I spent good part of Sunday afternoon working 10M. I wanted to share with you one of the most fabulous 10M QRP sigs (SSB) I have heard. Station WA2TPU was in central NY and operating a SIX (06) element QUAD up something like 60 ft if I recall correctly. He was a solid 59+ here near Seattle and I managed a meager 54 but still made contact. Shortly there after QRP QSO with FL NC and several WA stations. This is fabulous...Alan KB7MBI

Date: Sun, 10 May 1998 17:56:43 -0700 (PDT)
From: "John D. Erskine" <y794@victoria.tc.ca>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [10677] Re: bi-directional ant question
Message-ID: <Pine.GS0.3.95.iB1.0.980510175425.14813A-1000000@vtn1>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 8 May 1998, Ed wrote:

A Bobtail curtain is the only way to go. Simple...Ezi to put together and it works very well. Corner feed should get a good swr....
Ed N4PK

Then why not a 'Half Square'? Less space than a Bobtail, easier matching and one can put it fairly low to the ground if necessary?
73 John

J.D. Erskine

y794@victoria.tc.ca
VE00TC VE60TC VE30TC /VE7

Victoria BC Canada

Date: Sun, 10 May 1998 20:39:53 -0500
From: Frank Kienast <fgk@iquest.net>
To: ku7y@dri.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [10678] Re: Rf burns
Message-ID: <355656E9.77CE@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I don't know - I may have gotten some "RF heating" effects at QRP levels. A couple of weeks ago, I purchased a multi-band QRP rig from a local ham. It is solid state, 10 watts max output. I loaded up a downspout for 80 meters, set the output power to 5 watts, and was going to get a few miles away with a portable HF radio to see how the signal strength compared to what I was used to with the same power and antenna on 40 meters. I connected a Basic Stamp programmed to send my call at regular intervals, and was getting ready to leave, when I noticed that my artificial ground was not working too well and so decided to adjust it. I pulled the code key wires out of the solderless breadboard and manually shorted them to key the rig while I made the adjustments. I noticed that the wires (I was holding bare metal) seemed to be getting warm to the touch. I was surprised at this since only a few mA at 5 volts is supposed to flow through the key. I just assumed I was imagining things. Maybe the warmth was the ground RF flowing into my fingers!

Frank Kienast
KB9QEI

Monte Stark wrote:

>
> On Sat, 9 May 1998, Larry B wrote:
>
> > Lets see, the last rf burn was back in about 1974,
>
> My last one was about 1980 or so. I was working on a
> Motorola MT400 (or something like that) and was aligning
> the TX.
>

> The more I keyed the TX, the hotter my hand got..... soon
> I realized I had it laying on the final!! About 5w at 150 mhz.
>
> Not real hot. But just enough to get uncortable! Did that
> more than once..... :-)
>
> 73, Ron, SOWP 5545M,
>
>KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
>ku7y@sage.dri.edu.....Washoe Lake, Nevada....
>QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sun, 10 May 1998 19:49:08 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10679] Re: Rf burns
Message-ID: <Pine.SOL.3.96.980510194645.28937F-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Ah, almost forgot....

With one rig I had it was NECESSARY to keep a sock (clean!)
over the mic.

I thought it was RF for a long time, but turned out it was
AC..... good old AD/DC rig!

Gee, maybe someone will make a AC/DC 2222 rig.... :-)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sun, 10 May 1998 20:57:29 -0600
From: bcutter@teal.csn.net (Bob Cutter)
To: qrp-l@Lehigh.EDU
Subject: [10680] QRP For Sale
Message-ID: <199805110257.UAA24554@mailrelay.sni.net>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

All the items have been spoken for.

72, Bob KI0G

Date: Sun, 10 May 1998 20:08:35 -0700 (PDT)
From: Ray Dennis <w0dq@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [10681] Re: Rf burns
Message-ID: <19980511030835.26629.rocketmail@send1c.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

You know you are in trouble when you skin is smoking and you can smell the burning flesh. Been there, done that!

Ray W0DQ

DO YOU YAHOO!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Mon, 11 May 1998 03:24:04 +0100
From: Peter Larsen <larsenp@cadvision.com>
To: dcopeland@wwn.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [10682] Re: 20m
Message-ID: <35566144.963796BB@cadvision.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dan Copeland wrote:

>
> I was just wondering why we (USA) do not use
> 14.110 - 14.150 for anything. Sure seems like a
> waste of 40kc to me.

Maybe just common courtesy. The rest of the world use this

40 Kc for SSB. BTW I have had many QSOs with state side opps
in this area on SSB.... Makes me go HMMMMM.

73 es have fun
Peter
VE6NAO

Date: Mon, 11 May 1998 03:55:09 -0600
From: "Charles L. Stackhouse" <cstack@safelink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [10683] Some items sold
Message-ID: <19980511040538962.AAE195@safelink.safelink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

The following items posted for sale on QRP-L last night have sold today:

- Tek 475 scope
- SA-500 spectrum analyzer
- Auttek QF-1A audio filter
- Curtis keyer

I still have for sale:
Hitachi oscilloscope
Clemens signal generator
Argonaut 509

73, Charlie WA2IPZ QRP-L #362

Date: Mon, 11 May 1998 04:05:40 -0400
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
To: qrp-l@Lehigh.EDU
Subject: [10684] 2x QRP DX on 10m
Message-ID: <3.0.16.19980511035632.088f4a92@som-uky.campus.mci.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Phyllis worked St. Thomas, Virgin Islands on 10m ssb Saturday.
He was 5-7 here in KY... running 5w.

10m is starting to wake up a lil, in between the noise storms.

See you in Dayton... Rich

Rich Dailey, KA8OKH <ka8okh@som-uky.campus.mci.net>
The KA8OKH / KB4NPI Web - <http://www.qsl.net/ka8okh>

Date: Sun, 10 May 1998 21:41:57 -0700
From: dave_epps@juno.com
To: qrp-1@Lehigh.EDU
Subject: [10685] Protek/Octopus
Message-ID: <19980510.214337.9966.1.dave_epps@juno.com>

If you bought one of the Protek P-3502C scopes recently from Tech-Amer. you already own an Octopus. The component testing feature does the same thing as the octopus. See manual page 10.
My manual says the trigger level control is a push-pull switch. Page 6 (level).
My level control is not a push-pull switch. On page 8 it says "push the triggering level knob. The trigger auto/norm switch just above the level control seems to solve the problem. Apparently this manual doesn't quite match the scope I have.
dave ab5pc fresno, ca.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 11 May 1998 01:25:39 -0700 (PDT)
From: "John D. Erskine" <yd794@victoria.tc.ca>
To: Neil Klagge <w0yse@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [10686] Re: email abbreviations
Message-ID: <Pine.GS0.3.95.iB1.0.980511012319.25658B-100000@vtn1>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I found a FAQ somewhere that I DL about TLAs. Will post it or it's URL or FTP info if I can find it.

John

J.D. Erskine

yd794@victoria.tc.ca
VE00TC VE60TC VE30TC /VE7
Victoria BC Canada

"I strongly dislike TLAs" ;{D

Date: Mon, 11 May 1998 06:50:17 -0400 (EDT)
From: "Jerry W. O'Dell" <psyodell@mail.provide.net>
To: qrp-l@Lehigh.EDU
Subject: [10687] rf burns
Message-ID: <199805111050.GAA26640@mail.provide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I've already sent this to a fellow.

When a kid, I ran a broadcast transmitter. 5KW, two towers, only one in use during the day.

I was mowing the grass around the base of the tower with an electric mower. Like all idiots, I decided to see what would happen if I touched the tower with the wire from the mower. Chief engineer said it was perfectly safe because it would detune the thing, and knock the station off the air. So I grabbed the #14 good sturdy rubber wire, with Hubbell plug on the end, and touched it to the tower. Station stayed on.

Alas, there was no more Hubbell (sp?) plug. The heavy wire was shorter by about six inches. Definite smell of burning rubber in the air, and not a piece of what was missing to be found.

Trust me, rf burns. I almost touched that thing myself. They would have called me 3 fingers, or something like that!

QRP probably won't do that, but I'll bet a lot of you with end fed wires coming into the shack have gotten some nice surprises!

Must really have been fun in the days of 500,000 watt WLW, also one tower in use. Or touch a 30 foot tesla coil if you want a cheap charge!

73 jerry w8gnd

Date: Mon, 11 May 98 08:08:54 PDT
From: gregoire@endor.com
To: dcopeland@wnn.net, Low power amateur radio discussion <qrp-1@Lehigh.EDU>
Subject: [10688] RE: 20m
Message-ID: <Chameleon.980511083319.GREGOIRE@Gregoire.endor.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=us-ascii

Hello Dave,

I have often wondered the same thing.
Whereas CW is a legal mode in any and all
portion of the bands, I tried calling CQ there
when I first got my general licence.

The results were that I got one of two resposes,
1, nothing
2. QRM, (jamming) form some kind of digital signal.

I gave that portion of 20 up and just surmised that
those frequencies were jealously guarded by the folks
who think that they own them.

(Please do not start a digital , them vs us thread)
(We just did that a short time ago, I am merely replying
to Dave's question)

de AA1IK,	Time the accursed enemy of man,
	cursed by youth for going to slow
Ernie Gregoire	and by the old for going to fast.

R.R. 1, Box 221,	
South Rd.	
Canaan, NH. 03741	Fly fisher & tier,
	Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@WA1WOK.FN43FE.NH.USA.NA

05/11/98 08:08:54

Date: Mon, 11 May 1998 08:55:15 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [10689] Re: 6m long wire antenna
Message-ID: <3556F533.5071@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

An open wire fed dipole of roughly that length worked well enough for 6M QRP VUCC with 3 watts--30 ft up from a location 100 ft ASL. Performance was only fair on 80 meters, but quite useable on the higher bands to 2M.--Zack W1VT

Date: Mon, 11 May 1998 06:59:05 -0600
From: "Steve Galchutt" <n0tu@webaccess.net>
To: "\"Low Power Amateur Radio Discussion\"" <qrp-l@Lehigh.EDU>
Subject: [10690] Fed Bobtail from Corner?
Message-ID: <010901bd7cdc\$97a0f780\$73a8a3cc@SG2939M.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This is probably a silly question....But I've a perfect location for a 40m bobtail but to feed it at the center leg is a problem...wondering if I can feed it at the top or bottom end-corner with open wire. I suppose this will defeat it's design??
72...Steve

n0tu - solar powered QRP & wire antennas @ 7,200' ASL
Monument, Colorado - Grid Sq DM79nb
homepage: <http://www.webaccess.net/~S&P/HRindex.htm>
email: n0tu@webaccess.net

Date: Mon, 11 May 1998 06:23:32 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: qrp-l@Lehigh.EDU, "azqrp@dancris.com" <azqrp@dancris.com>
Subject: [10691] NrC/QRPTTF pics
Message-ID: <35569964.16044C1C@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jay, WA5WHN sent me some photos he took at Four Corners, and I finally got them onto a page. Now that I look at the crew, I understand why they wouldn't let us stay overnight, :-)

The pics are at <http://home.earthlink.net/~n7kt/n4c.htm>

--
72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ
"The problem with doing nothing is not knowing when you're finished"
(Nelson DeMille)

Date: Mon, 11 May 1998 08:47:33 -0500
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)
To: qrp-l@Lehigh.EDU
Subject: [10692] NEW ICT8A/HP - 6M FM?
Message-ID: <0007BB3D.4159@ccgate.dl.nec.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

Gang,

Looking at the new HT from ICOM. It's a 3 band rig covering 2m, 440, *and* 6 meters!

Question: does anybody have any comments on this one?
Also, is there much 6 meter FM activity around the country. You folks in the D/FW area, is there much 6m FM activity/repeaters here?

Thanks all.

73 de Dave, NR3E
QRP-L #25
nr Dallas, TX

Date: Mon, 11 May 1998 09:57:40 -0400
From: Michael Maiorana <mikemo@ibm.net>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [10693] Elmer101: VFO torroid prep question
Message-ID: <355703D4.481C@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Can anyone answer this question clearly???
Thanks!

*****8
I just completed the VFO and I was wondering, is there any valued added
if I paint L1 with clear nail polish? Would it add any mechanical
and/or
frequency stability to the VFO?

--

72 de ku4qo
Mike Maiorana
Palm Harbor, FL

"Have a great day, and enjoy whatever liberty you have remaining!"

Date: Mon, 11 May 1998 10:25:09 -0400
From: John Mckee <JMckee@RFMD.com>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Subject: [10694] Schurr hand key for sale
Message-ID:
<c=US%a=_%p=RF_Micro_Devices%l=PACHACUTEC-980511142509Z-17479@proxy1.rfmd.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

For sale:

Schurr hand key \$140
Mid size solid brass key with a Plum wood knob.
Bought in Germany, December 1997. I will pay
shipping.

John Mckee WB40FT
email: jmckee@rfmd.com

Date: Mon, 11 May 1998 10:41:13 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [10695] QRP Dayton VHF/UHF frequencies
Message-ID: <Pine.LNX.3.95.980511103910.30566C-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'll personally be on 145.49 MHz (PL, if used, will be 156.7) simplex.
This is the U of Maryland repeater output freq.

Alternately, I'll also be on 445.975 MHz (PL 156.7 if used) simplex.

** Scott Rosenfeld NF3I & AAR3IB/T ** <http://w3eax.umd.edu/~ham> **
** Burtonsville, MD FM19mc * DXCC WAC WAS * QRP-L #147 * AK-QRP **
* Waiting for 6m to open... ** ARRL Life Member/Laurel ARC/UMARA *
** 301-549-1022(h) 301-982-1015(w) *** 35 wpm HF mobile CW Neon **

Date: Mon, 11 May 1998 11:21:51 -0300
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecca.cu>
To: <qrp-l@Lehigh.EDU>
Subject: [10696] RE: 6 meter long wire antenna
Message-ID: <01bd7ce8\$245eee60\$LocalHost@luis>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_000_00F5_01BD7CCE.FF11B660"

This is a multi-part message in MIME format.

-----_NextPart_000_00F5_01BD7CCE.FF11B660
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

There is another form of long wire antenna which provides = uni-directional coverage and is easy to build.

Here is the description.

>From the transmitter or transceiver, you go to an antenna tuner via coaxial cable. The tuner is placed at the base of the antenna, not at your operating position.

>From the tuner's single ended output comes a wire that first goes=20 STRAIGHT UP for about ONE WAVELENGTH at 50 mHz...

Then the wire is bent and slopes VERY GENTLY in the direction of the desired coverage, You want the wire to extend itself for no less than 5 wavelengths, although shorter versions work quite well too, but are not SO DIRECTIONAL.

The wire SLOPES until it ends at a height of about ONE TO TWO METERS ABOVE GROUND.... There you tie it to a small mast...

THEN.... tied to this small mast you need to place no less than 3, and much better 5 one quarter wavelength radials , that act as a counterpoise... The radials will kindly help to hold the small mast in a vertical position... You can use very small insulators for the radials, or tie them with dacron or nylon lines (I prefer to use dacron lines similar to those used for sailboats).

REMEMBER to aim your antenna to SLOPE in the DIRECTION that you want to communicate with....

It shows a gain of no less than 5 to 6 dB over a horizontal dipole when the wire length is about 30 to 40 meters....

The antenna seems to work also on 10 meters , with the appropriate tuner, and I have tested it on 2 meters too, but have yet to do some really good comparative tests against my "standard" 5 element portable yagi.

This VERTICAL 1 wavelength + HORIZONTAL SLOPING 5 to 7=20 wavelength antenna + RADIALS, can be taken on a reel, and the wire can be really light... a lot easier to transport than a YAGI or a QUAD, and certainly a lot easier to build and to put in place.

YES... YOU ARE RIGHT... I always USE A TREE (when available) to hold the VERTICAL PART OF IT !!!

Hope this helps those in need of a very simple, low cost, unidirectional field antenna for VHF use=20

Arnie Coro C02KK

Host of Dxers Unlimited

Radio Havana Cuba

e-mail : inforhc@mail.infocom.etecsa.cu

phone: 53-7-814243

phone res: 53-7-301794

Postal address

Arnie Coro

Dxers Unlimited

Radio Havana Cuba

Po Box 6240

Havana
CUBA 10600

-----=_NextPart_000_00F5_01BD7CCE.FF11B660

Content-Type: text/html;
charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

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http-equiv=3DContent-Type>

<META content=3D'"MSHTML 4.71.1712.3"' name=3DGENERATOR>

</HEAD>

<BODY bgColor=3D#ffffff>

<DIV>There is another form of long wire antenna which =
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<DIV>Here is the description. </DIV>

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the </DIV>
<DIV>wire can be really light... a lot easier to =
transport than a=20
YAGI or </DIV>
<DIV>a QUAD, and certainly a lot easier to build and to =
put in=20
place. </DIV>
<DIV>YES... YOU ARE RIGHT... I always USE A TREE (when=20
available) </DIV>

which will cover 3mm.

After lunch, Ron led us over to the 12 m telescope next door. I don't remember the wavelengths, but I believe that they start at 3mm and get much shorter. This antenna is housed in a dome to keep it in the shade, since sunlight heats the dish enough to distort the surface. More info about the 12m telescope is at:

<http://www.tuc.nrao.edu/12meter.html>

This was a really worthwhile tour. Lots of optical telescopes (around 20, I think) - total geek heaven! Anyone who goes near Tucson, AZ, really should check it out. Kitt Peak is about an hour West-Southwest of town. More info about Kitt Peak is at:

<http://www.noao.edu/kpno/>

Sorry for the length of this post. It was just too much fun to keep to myself!

--

72/73 de Andy, KK7HV - QRP-L #1286 - Benson, AZ

Date: Mon, 11 May 1998 11:23:58 EDT
From: aa5yx@juno.com (John Harper AA5YX/2)
To: mikemo@ibm.net
Cc: qrp-l@Lehigh.EDU
Subject: [10698] Re: Elmer101: VFO torroid prep question
Message-ID: <19980511.112258.7559.2.AA5YX@juno.com>

>I just completed the VFO and I was wondering, is there any valued
>added
>if I paint L1 with clear nail polish? Would it add any mechanical
>and/or
>frequency stability to the VFO?
>*****
>--
>72 de ku4qo
>Mike Maiorana

I haven't built the Elmer 101 rig, but my experience painting the VFO torroid in the Oak Hills OHR-100A is that the value changes immediately upon application of the polish and then returns very close to original value as the polish dries. This is stated in the OHR manual and I found it to be true.

Specifically, I adjusted the coil so that the bottom of its range was exactly 14.000 Mhz. Then I doped it, which moved the bottom range up to 14.011. Once it completely dried, the freq was down to 14.0015 Mhz.

John Harper AA5YX/2 (ex: KA5BBL, KI5OW, VQ9BL)
TenTec Century 21, HW-9, NorCal 40A, OHR-100A/20m, 38S
NJ-QRP 148 QRP ARCI 9654 QRP-L 1514
<http://home.att.net/~j..harper>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 11 May 1998 12:55:00 -0400
From: "Tracy, Michael, KC1SX" <mtracy@arrl.org>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [10699] Re: Desoldering
Message-ID: <m0yYuut-000Zp5C@mgate.arrl.org>

While we're on the subject, has anyone ever tried to homebrew a hotvac?
Nice to have, but oh, so expen\$ive.

73, Michael, KC1SX
(who had WS-6526E back in the 80s)

Date: Mon, 11 May 1998 09:57:09 -0600
From: "Bob Follett" <bfollett@ditell.com>
To: "QRP-L Group" <qrp-l@Lehigh.EDU>
Subject: [10700] Lithium-Metal Batts. & Charger -- ARS & Backpackers Take Note
Message-ID: <01bd7cf5\$741e0c80\$LocalHost@newmicronpc>
MIME-Version: 1.0
Content-Type: text/plain;
charset="utf-7"
Content-Transfer-Encoding: 7bit

Gang:

800ma Lith-Metal batteries are now available and chargable. They have a weight/density ratio of 140 compared to a NiCd cell ration of 45. For you Spartan +ACI-skinny+ACI- people, that's a 2/3rds reduction+ACE-

A little cross-pollination here: A full explanation and detailed charger building instructions are published in the current month Radio Control Modeler, June, magazine -- available in any bookstore, and most supermarkets in the US.

The article can't be copied here for the usual copyright reasons, but it is detailed, with schematic, parts list, sources, etc.

Why should you be interested?

The batts. are Tadiran Lithium Metal rechargeables, and produce 800mah at 3V in a AA size package -- cost is +ACQ-7.50 each. (They may also have other sizes -- not mentioned in the article) Weight is .6oz/cell with solder tabs. They have a max. discharge rate of 2 amps continuous, and have no memory effect. Considered discharged at 2.1Volts. Since one of these does the same work as two NiCads, you only need 1/2 as many -- so cost is not that bad. 4 cells will fit inside many of our backpackable radios, and while 800mah won't keep you going for weeks, it sure will get through a Sparten Sprint, or a weekend backpacking trip.

A brief description of charging requirements: 60ma constant current, voltage detection shutdown at 3.400V per cell.

The charger in RCM includes the constant current charger, voltage monitor, and p/s designed to handle 1-8 cells in series.

If you have ANY interest at all, go out and get the magazine while its still on the shelves. Non-North Americans can probably get a single copy or article re-print from RCM. Their e-mail address is RCMCorp+AEA-aol.com

I don't know the self-discharge specs on these babys, but assuming they are like other Lithiums, One cell could power your keyer projects for years+ACE-

Usual disclaimers -- I just read the article...

73, Bob

Bob Follett AB7ST, QRP-L +ACM- 129, NorCal, ARCI, 10-10, ARS
2861 Estates Dr. VOICE: 801.649.6457
Park City, UT 84060 E-mail: bfollett+AEA-ditell.com

Date: Mon, 11 May 1998 09:01:56 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: Andy Fox <foxes@theriver.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10701] Re: Cool Radiotelescope Tour (longish)
Message-ID: <Pine.LNX.3.96.980511090115.30724A-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Sorry for the length of this post. It was just too much fun to keep to
> myself!

Speaking of telescopes, I'm no more than an hour away from Palomar
Observatory. Yet I've never been there.. :)

(And I'm an amateur astronomer too! For shame...)

```
=====
      KC5TJA/6      |      -| TEAM DOLPHIN |-
      DM13          |      Samuel A. Falvo II
      QRP-L #1447   |      http://www.dolphin.openprojects.net
=====
```

Date: Mon, 11 May 1998 17:02:52 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: qrp-l@Lehigh.EDU
Subject: [10702] Memory Keyer and Paddle
Message-ID: <35592dbe.408490106@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

I have a CMOS SuperKeyer II (from Idiom Press, built by me) and MFJ-564B
paddles for sale. Asking \$95 plus shipping for both.

The CMOS II has four memories, and more features than I can list here.
Suffice it to say that it could be the only keyer you will ever need! =
Superb
for beginners and veterans alike. Has manual, tutorial, and 1990 QST =
article
about construction/operation.

Include all cables, etc. Keyer is currently modified to operate a reed =
relay,
which acts as a very very precise straight key (make/break) so it is =

useable
with any rig. If you want to use the super high speed feature (990 =
wpm-), you
can remove the relay and use it as designed very easily.

MFJ has a memory keyer and paddles combo for \$175. (from their webpage, =
for
reference use).

Let me know if interested ...=20

Date: Mon, 11 May 1998 12:11:30 -0500
From: Tellefsen Bob-CNSE97 <cnse97@lmpsilo2.comm.mot.com>
To: kb0rol@juno.com
Cc: QRP-L list <QRP-L@Lehigh.EDU>
Subject: [10703] Re: More Q's
Message-ID: <E726B6D1F2C7D1119AB900805FA74B3C1E89BA@s-ilo2-n.comm.mot.com>
MIME-Version: 1.0
Content-Type: text/plain

Brad:

I don't recognize a "bullet connector" by that name. I imagine it is
something like a banana plug and jack???

Your proposal for wire segments that can be clipped together in
different antenna formats sounds ok electrically. I'd be more concerned
about the mechanical aspects. If you have the connection under strain,
such as at the center of a dipole with the feedline hanging down, you
will need something to take the strain separately from the electrical
connections. Then your idea is fine and you should have fun trying
different arrangements.

72, Bob N6WG

Date: Mon, 11 May 1998 11:26:54 -0500
From: applitech@mcg.net (Claton Cadmus)
To: "QRP-l" <qrp-l@Lehigh.EDU>, <mikemo@ibm.net>
Subject: [10704] Re: Elmer101: VFO torroid prep question
Message-ID: <001701bd7cfff\$88119400\$a30a5e2c@groucho>

>I just completed the VFO and I was wondering, is there any valued added

>if I paint L1 with clear nail polish? Would it add any mechanical
>and/or
>frequency stability to the VF0?

Although, as mentioned in a previous reply, application of clear nail polish may shift the frequency slightly in will also help to stabilize the windings on L1 and prevent shifting of calibration do to vibration or shock to the radio. I would recommend it, especially if field use is anticipated.

Hope this Helps,

73 de KA0GKC Claton Cadmus

cla@mcg.net

MNQRP #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrp>

Date: Mon, 11 May 1998 12:18:39 -0500

From: Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>

To: KF4EIB@aol.com

Cc: QRP-L list <QRP-L@Lehigh.EDU>

Subject: [10705] Re: Log Sheets

Message-ID: <E726B6D1F2C7D1119AB900805FA74B3C1E89C4@s-il02-n.comm.mot.com>

MIME-Version: 1.0

Content-Type: text/plain

Gordon:

For years I have used my spreadsheet program on my computer to make my own log sheets.

I have regular ones for day-to-day operating. I made special purpose ones for when I was a Fox in the Fox Hunts.

This way you can customize the form (because that's all it is) to record whatever info is important to you, in whatever order it is most useful to you.

73, Bob N6WG

Date: Mon, 11 May 1998 10:27:58 -0700 (PDT)

From: "Robert P. Okas" <vintage@best.com>

To: qrp-l@Lehigh.EDU

Subject: [10706] Re: email abbreviations
Message-ID: <Pine.BSF.3.96.980511102300.21774B-1000000@shell14.ba.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

In my never-ending quest to dig up trivia, I came across a pretty complete acronym index on the Web. The URL is:

<http://www.mtnds.com/af/>

Give it a try!

73,
Bob - W3CD

> Neil Klagge wrote:
> >
> > Gang,
> > I often see abbreviations on your postings and I have been able to
> > figure out some of them. Does anybody have, or want to post a list of
> > these and their definitions
> > ?? I'd like to have a list of them next to my computer until I know
> > them. Kinda like the Q signal, eh?
> >

Date: Mon, 11 May 1998 13:27:46 -0400
From: Michael Maiorana <mikemo@ibm.net>
To: qrp1 <qrp-1@Lehigh.EDU>
Subject: [10707] Elmer101: All's Quiet?
Message-ID: <35573512.790F@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It's been eerily quiet after the last section posting on the Elmer101 project. I'm assuming that everyone has this down and we can move on?

If I don't hear any negative comments I'll post the next section.

I wonder, is everyone already done but me?????

Regards,

--

72 de ku4qo
Mike Maiorana
Palm Harbor, FL

"Have a great day, and enjoy whatever liberty you have remaining!"

Date: Mon, 11 May 1998 14:01:19 -0400
From: Tom Cooper <cooper@gmpvt.com>
To: qrp-1@Lehigh.EDU
Subject: [10708] Ten-Tec PTO help needed
Message-ID: <3.0.5.32.19980511140119.007a6860@web.gmpvt.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Yo!

A while ago on either this or the T-T reflector, someone posted instructions on how to lube the T-T PTO without taking it apart. I thought I had saved it, but

If anyone has this could you forward me a copy. Thanks!

Tom W1EAT

PS - I just bought a "like-new" Corsair II and it needs a little help after sitting for a while.

Date: Mon, 11 May 1998 14:00:57 -0400
From: "David, n2zhy" <n2zhy@amsat.org>
To: njqrp@njqrp.org, qrp-1@Lehigh.EDU
Subject: [10709] Ahhoooga Ahhoooga, DIVE DIVE DIVE!!!!!!
Message-ID: <35573CD9.4F37@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Ahhoooga Ahhoooga, Dive Dive Dive!!!

This Saturday, 5/16, I get to fulfill a fantasy. I'm going cruising on a WW2 submarine!! We will be lying in wait off Sandy Hook, watching for Nazi spies trying to sneak into New York Harbor. Recent reports of

subversive teams landing on the beaches of Long Island

Ok. The boats been retired for a long time and its stuck in six feet of Mud on the Hackensack River in central New Jersey. The batteries are dead (I'm bringing my solar panel) and the museum people stopped firing off torpedoes after that garbage scow incident. And no, I wasn't on board then! Restitution has been made and the museum is just getting back into the black. Please don't bring it up as they are still a little touchy.

The USS Ling 297 was commissioned at the end of WW2 and mostly patrolled the coast in the Northeast. She didn't see much action but the Ling is a well-preserved example of a typical WW2 submarine. The museum has a great site with a tour through the boat. Check it out.

<http://www.subnet.com/FLEET/ss297.htm>

Bob, kc2aio, and I will be operating qrp portable from the deck of the Ling. We are scoping out the boat and the museum people for future special event station operations. We plan to participate several times during the year in conjunction with other submarine museums around the country as a special event station.

Bob is a submarine vet from WW2 and the Korean Conflict. He made several patrols aboard the USS Guavina SS 362 in the Pacific during WW2 as a Radio / Sonar operator. The ships log reads like a combination of all the great submarine movies that you watched as a kid. Nope, they really didn't make that stuff up. Well, maybe the one with Cary Grant when they went into Tokyo Harbor , but that's a whole other web page. Check out the Guavina's record.

<http://www.subnet.com/FLEET/ss362.htm>

Bob and I are both low key operators and just developing our cw operator skills so please go SLOW, and be patient with us. We are out for an afternoon of sun and fun, . . . and maybe another garbage scow. I really hate them, ocean dumping and all that!

Ok, here's the deal.

Who

N2zhy, David

Kc2aio, Bob

We will call CQ Ling and use our own calls.

Time

Mid day. We have access to the boat between 1400 and 2000 UTC.

Rigs

20 meters 14.060 +/- a couple MFJ 20 meter qrp rig, 5 watts
40 meters 07.040 +/- a couple Norcal 40a, 2 watts
I'm also bringing the Alinco dx-70th along in case we find a place to
plug in the power supply. In that case I will try some other bands.
Maybe some ssb if the brain starts to get mushy.

Antennas

Mag mounts of course!

Maybe the sub's deck antennas and maybe a random wire.

The museum will be in operation at the time ,with lots of people milling
around, so safety is a major concern.

Wx

It's been raining in Jersey for 12 days and a couple of more are
scheduled but, it should clear out for the weekend. Due to the size and
nature of the museum, I don't think that I can rig a tarp on deck
although I have the equipment. The rain may do us in. We have to watch
our p's and q's and gain some brownie points before we can get too
comfortable on board. Again, this is working museum and safety and
insurance concerns are of primary importance.

Certificates

None

Not this time. This is just a recon mission, a fun run.

Wish us luck and report all U-Boat and unidentified aircraft sightings!

72

David,n2zhy

Bob, kc2aio

Date: Mon, 11 May 1998 17:40:38 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [10710] Journey to 160 Meters
Message-ID: <35573816.15D5@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Still trying to get to 160 Meters. First steps have been
taken though.

Needed a receiver. -- Thanks to Niel Skousen/WA7SSA

Needed 160 Meter TX -- Johnson Viking II resurrected
Needed space -- Cleared off desk in Garage.
* Required good WX. Lawn chairs finally to back yard!

Need ANTENNA -- STILL! Will be putting out some wire
for starters.

Well folks, if you really want something, you will make
it happen. Using the Sangean ATS-818 with whip antenna,
I had 2 nice qso's last night on the Viking II. With
buffer stage barely driven and output coupling minimized
I worked John/VE6ZAA and Jess/N0TFI. Sure copy was tough
on the little /P rcvr with whip antenna, (Setting Volume
to minimum when Transmitting !!!), but I did work with
the Short TX Loop (3 Foot Diameter) on 20 meters.

It is WAY TOO MUCH FUN working that old Boatanchor. Sure it
is tough going to 5 watts -- you can't lower the Buffer amp
drive or it starts getting rhaspy, but I had a great time and
can't wait to get the 160 meter antenna built. My next project
is a 160 Meter Antenna Tuner -- Doug/K6RPN sent me parts and
the 1964 QST original article, heck Doug sent me the whole
50th anniversary QST issue!

We got Foxes, Gophers.... 10 meter QRP-1 hunt... what's
next, 160 Meter Ground Hog Search?

See ya on 160-thru-10 meters soon!

-Ed

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Mon, 11 May 1998 12:23:55 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: Andy Fox <foxes@theriver.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [10711] Re: Cool Radiotelescope Tour (longish)
Message-ID: <Pine.SOL.3.91.980511121446.14839D-1000000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 11 May 1998, Andy Fox wrote:

> The Radio Society of Tucson (club call K7RST) toured the two
> radiotelescopes at Kitt Peak this past Saturday. Ron Bates, AG7H,
> hosted our tour group. Ron is one of two people who maintain the
> equipment at the Very Long Baseline Array (VLBA) site at Kitt Peak.

Ron Bates, AG7S, has been one of the site techs at VLBA Kitt Peak for ten years or so, and both he and his wife have been hams for longer than that. Great guy.

> The 25 meter dish is one of ten that comprise the array. The whole
> operation is controlled from Socorro, NM.

Of course, where all of this is operated from in Socorro, NM, is where I have worked for 21 years. The VLA and VLBA antennas are all part of the National Radio Astronomy Observatory (NRAO).

Just for your curiosity, the ten VLBA antennas, all virtually identical to the one at Kitt Peak, are located at:

Kitt Peak, AZ	Owens Valley, CA
Pie Town, NM	Brewster, WA
Los Alamos, NM	Ft. Davis, TX
North Liberty, IA*	Hancock, NH
Mauna Kea, HI	St. Croix, USVI

*between Cedar Rapids and Iowa City

Generally tours of the antennas is allowed, unless it interferes with observing in progress, which is ongoing a good chunk of the day. Although that only effects access to the antenna. If one of these antennas is in your area, it does make a nice ham club tour thing.

More information on the VLBA
> is at:
>
> <http://www.nrao.edu/doc/vlba/html/VLBA.html>
>

(snip)
> 72/73 de Andy, KK7HV - QRP-L #1286 - Benson, AZ

Glad you enjoyed the tour and I have forwarded your post to Ron. (I have his email if you want it).

72, Paul NA5N

----NATIONAL RADIO ASTRONOMY OBSERVATORY ----- Socorro, New Mexico -----
| VLA - Very Large Array Observatory - Worlds largest radio telescope |

|VLBA - Very Long Baseline Array - even larger |
----- (pharden@zia.aoc.nrao.edu) --- (73 de NA5N) -----

Date: Mon, 11 May 1998 14:30:45 -0400
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "Qrp-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [10712] QRPP Reprints
Message-ID: <21E06269B00ED111BE9B00805F6D0FA3249F95@MAILSERVER1>
MIME-Version: 1.0
Content-Type: text/plain

I just recieved my Five Volume set of QRPP reprints (1993 - 1997). They are in the orginial format (5.5 X 8.5) and the entire year's worth of issues is sprial bound together with heavy slick covers. There are foldout diagrams like the originals. For those of you like me that have individual copies of various journals all over the place this is the chance to have the ENTIRE QRPP set neatly organized and available at your fingertips. This is a fine addition to my QRP library along with the SPART and Milliwatt (on CD) reprints. Now its on the the QRP Quarterly. No connection with the commerical side of this outstanding labor of love. I'm just a happy NorCal member.

Sam AE4GX NorCal #2210

Date: Mon, 11 May 1998 14:26:22 EDT
From: PDouglas12 <PDouglas12@aol.com>
To: cnse97@lmpsil02.comm.mot.com
Cc: QRP-L@Lehigh.EDU
Subject: [10713] Re: More Q's
Message-ID: <bc973031.355742cf@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-05-11 13:19:54 EDT, you write:

<< I don't recognize a "bullet connector" by that name. I imagine it is something like a banana plug and jack??? >>

Guys,

I missed the original context of this message, but I gather someone is asking about using Bullet connectors for antenna work.

Bullet connectors are generally automotive connectors; the male part is shaped vaguely like a bullet. I have an MGB full of them; they are unreliable and require frequent cleaning/replacement to keep the car from dying. (Another swell feature from the folks at Lucas electrics.) I wouldn't dream of using such connectors in electronic equipment in the shack. (Unless, of course, I wanted to experience the joys of not knowing whether my equipment would work on any given day.) And outdoors would be worse.

72,

Preston WJ2V

Date: Mon, 11 May 1998 11:33:47 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "QRP-L list" <qrp-l@Lehigh.EDU>
Subject: [10714] NorCal pizza gathering and unveiling
Message-ID: <025001bd7d0b\$56d19550\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ladies and gents:

As the fortunate among us commence their pilgrimage to Dayton, remember that there are still quite a few poor souls forced to stay at our posts, slaving away in the silicon mines of Silicon Valley and environs, sad because we will miss the dramatic unveiling of the latest and greatest NorCal kit. Lest the tears that we shed contaminate the silicon wafers, we have received special dispensation to attend a simultaneous event on the west coast. The new NorCal kit will be unveiled at that time.

Yes, it's Pizza Time! This Friday at the usual spot, 6:00 PM.

All are invited for a QRP get together to have some Pizza, have fun and see the new NorCal project. We will meet at the Round Table Pizza in the shopping center behind the Burger King at the corner of Grant Road (237) and El Camino Real, just north of highway 85, in Mountain View, CA.

If you are coming from 101, when you reach El Camino Real, turn left and take the first exit to your right. It is a drive way about

203 yards, 2 feet 7 1/2 inches from the corner. Look straight ahead and you will see the Round Table Pizza. If you are coming from 85, take the El Camino exit north, and turn left into the shopping center.

We plan on meeting at 6:00.

So I can get a rough idea of the number of attendees, please email me to let me know you are coming. Don't forget your digital camera, and bring your latest project to show off.

Mike K1MG

Date: Mon, 11 May 1998 12:17:27 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: n2zhy@amsat.org
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10715] Re: Ahhoooga Ahhoooga, DIVE DIVE DIVE!!!!!!
Message-ID: <3556EC57.82EFA097@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, I'll sure listen for you. I served on Queenfish (SS393) and Volador (SS490) early in my Naval career.

Good luck!

--
72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ
"The problem with doing nothing is not knowing when you're finished"
(Nelson DeMille)

Date: Mon, 11 May 1998 12:20:49 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Cc: vole@primenet.com
Subject: [10716] FYBO Listings Redux

Message-ID: <199805111920.MAA23513@usr07.primenet.com>

-=* zzzZZZZZZAAAPFF *=-

Howdy Folks,

Whoa, back to reality. Sort of. :) Time to get back to the FYBO results.

Let's try this one more time (sorry for the delays). Once again, here are the full listings of FYBO results, first by temperature and then by score. I'll send them as separate messages, and hope that the evil Bit Monster leaves the text intact this time....

Awards to be announced shortly. *Please* if you don't see your log in there, let me know ASAP. Well, assuming the logs make it to QRP-L in once piece.... :)

Here we go! (Crosses fingers...)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Mon, 11 May 1998 12:22:35 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "QRP-L list" <qrp-l@Lehigh.EDU>
Subject: [10717] Heathkit green again
Message-ID: <029f01bd7d12\$277bf3c0\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry to take up bandwidth for a repeat, but...

I recall reading on the list where someone found some standard spray paint colors to match the venerable Heathkit gear such as the SB301/401. There is a front panel color, and a case color. I searched the archives and found only half the answer -- Rustoleum American Accents Heritage Color Teal 7929. I'm not sure if this is

the case or panel color. Does anyone know what product number matches the other Heath color?

Thanks,

Mike K1MG

Date: Mon, 11 May 1998 15:34:51 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>, eax@w3eax.umd.edu, Laurel ARC <larc-l@webtrek.com>
Cc: forsale-swap@qth.net
Subject: [10718] FS/trade: P200MMX computer
Message-ID: <Pine.LNX.3.95.980511153032.32726G-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

For sale or trade for radio stuff:

Pentium 200 MMX (Intel) motherboard & CPU, w/32 MB RAM,
3.2 GB HDD, 3.5" FDD, 32x CD ROM, 2 MB Diamond SVGA card,
keyboard & mouse. \$640. If local, will throw in kinda lousy
SVGA monitor for \$40.

Cool trades considered.

** Scott Rosenfeld NF3I & AAR3IB/T ** <http://w3eax.umd.edu/~ham> **
** Burtonsville, MD FM19mc * DXCC WAC WAS * QRP-L #147 * AK-QRP **
* Waiting for 6m to open... ** ARRL Life Member/Laurel ARC/UMARA *
** 301-549-1022(h) 301-982-1015(w) *** 35 wpm HF mobile CW Neon **

Date: Mon, 11 May 1998 14:38:54 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-l@Lehigh.EDU
Subject: [10719] SOLUTION TO BI-DIRECTIONAL ANTENNA
Message-ID: <199805111938.0AA27256@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

HI GANG:

For those who have been following the saga, tounge in cheek or just outright smiling... :-)

I decided and am half way in the project, to interlace a three element yagi for twenty with the one for forty and use a short piece of rg58 to connect the twenty driver to the forty driver (which has rg8u)

Rite now the project looks quite a mess, however I have hopes for good results...

I've found that if I work slow and minimize the up and down hill stuff I can get by without upsetting the restricted artery to my heart... that of course means no need for nitro, and on the air I will go... :-)

Oh I got a 569 using ssb to a station in latvia yesterday... that's with the delta loops on twenty... It's on the ground rt now... but that's another story... I need to get back to work... slowly, easily, with due regard for blood flow... :-) God bless the guy who discovered nitro... Joel in maine, getting out like qro :=)

God Bless

Joel

WA5CVM

Joel Denison

PO BOX 542

Strong, Maine 04983

jdenison@morelr.com

Gentlemen don't Cry, They QSY :-)

Gentle Lady (RC Sail Plane)(049 engine - start)

2 element yagi on 40mtr

QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765

AK/QRP 109

Date: Mon, 11 May 1998 13:35:46 -0600

From: tom whalen <whalen@swcp.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [10720] Planes, Trains, Subs.....and...

Message-ID: <35575312.7B57@swcp.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hello QRPer's!

Looks like most of the bases are covered! We have QRPer's in the air, land, tracks, and now on the sea!! Even have some QRPer's on bicycles! Know a guy here that does hang gliding, but think it is only on 2 meters! Ain't QRP great!!

72, Tom WB5QYT " Have spud will travel!"

PS: To the sub guys; wish I was working next Sat. and could work you RR mobile possibly.

--

Enjoying QRP!!

Rigs: Ten Tec Argo 509, SST-30, GM-15, OHR Spirit 40, Emtech NW20

IC-706, 38S, 49er, Bare Essentials, Mizuho MX-7s, ST. Louis tuner

Org: QRP-L 640, scQRPion 22, Norcal 1979, Fists 4465, ARS 396

Date: Mon, 11 May 1998 12:50:30 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Cc: vole@primenet.com
Subject: [10721] FYBO Logs by Score (2nd try)
Message-ID: <199805111950.MAA25712@usr07.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

(Please report missing logs immediately to vole@primenet.com)

NOTE: A (*) next to a callsign indicates multi-op.

FYBO '98 RESULTS (sorted by score)

Callsign	Loc	Q's	SPC	Temp	Power	Score
WQ0RP (*)	F	123	37	18F	5W	218,448
NF3I (*)	F	69	34	37F	5W	75,072
N7CEE (*)	F	45	19	48F	900mW	41,040
WB0CGH	F	38	22	49F	900mW	40,128
WB6JBM/8	F	46	22	40F	2W	24,288
NF0R	F	31	24	50F	950mW	23,808
AB5UA	F	35	19	37F	2W	21,280
AF5Z (*)	F	53	24	44F	4W	20,952
N4JS	F	36	18	37F	5W	20,736
W4ED	F	37	17	38F	5W	20,128
K50I/7	F	32	18	33F	5W	18,432
AB7TT	F	41	11	20F	5W	18,040
WD8RIF	F	29	19	46F	5W	13,224
N2TNN	F	28	13	40F	2W	8,736
N5ZGT	F	22	12	34F	4W	8,448
K07X	H	66	31	37F	5W	8,184

WA5WHN/7	F	28	7	33F	1W	6,272
W5FN	F	16	11	60F	950mW	5,632
NA5N/7	F	17	10	31F	5W	5,440
AC6KW	H	62	20	60F	5W	4,960
KI7MN	F	15	10	31F	5W	4,800
KI0II	F/H	14	12	29F	5W	4,720
N7KT	F	21	7	31F	3W	4,704
W5VBO	F	25	11	53F	5W	4,400
N4ROA	H	81	26	72F	5W	4,212
N0QT	F	11	10	34F	5W	3,520
N7XJ	H	56	26	60F	5W	2,916
WA1QVM	H	32	22	52F	4W	2,816
KX7L	H	40	16	54F	5W	2,560
AD6AY	H	45	14	52F	2W	2,520
N0GLM/T+	F	9	7	24F	5W	2,240
WZ2T	H	50	22	60F	5W	2,200
AA0SM	H	18	14	62F	950mW	2,016
KI0KY (*)	F	12	7	44F	5W	2,016
NQ7RP	H	66	30	70F	5W	1,980
KL7JAF	H	41	22	70F	5W	1,804
AB70A	F	14	7	58F	5W	1,568
N6WG	H	38	10	55F	5W	1,520
AB7TK	H	58	25	72F	5W	1,450
WE6W	H	58	12	55F	5W	1,392
KN6YD	F	14	6	44F	2W	1,344
KB9IUA	H	20	13	33F	5W	1,040
AA1IK	H	44	23	70F	5W	1,012
VE3ELA	H	17	14	70F	950mW	952
N5JI	H	45	21	70F	5W	945
WA20CG/7	H	17	13	64F	5W	884
KU7Y	H	30	14	65F	200mW	840
N2CQ	H	38	21	72F	5W	798
WV3B	F	10	6	40F	5W	720
WB5QYT	F	14	5	60F	5W	560
W8MHV	F	7	3	46F	5W	504
KA80KH	H	24	19	70F	4W	456
NA3V	H	17	11	63F	4W	374
N0TU/flu	H	11	8	63F	5w	352
K0SU	H	16	11	72F	5W	352
K7GT	H	19	7	72F	2W	266
KW50K	H	20	13	70F	5W	260
N8ET	F	4	4	60F	950mW	256
W6KI	H	16	4	60F	2W	256
AA9KH	H	15	12	70F	5W	180
K6PZB	H	12	3	56F	2W	144
W3CD	H	14	10	72F	5W	140
K8ZAA	H	13	10	72F	5W	130
KJ5CI	F	4	4	62F	1W	128

KB0SBA	H	13	9	72F	5W	117
VE7CQK	H	8	7	60F	5W	112
KB6FPW	H	18	5	72F	4W	90
KC4MHM	H	9	9	72F	5W	82
W6RCL	H	8	5	54F	5W	80
N7RI	H	10	8	72F	5W	80
K8CV	H	9	7	72F	5W	63
N1MVU	H	6	5	59F	5W	60
KJ3V	H	8	7	72F	5W	56
W6PRI	H	14	4	68F	5W	56
KI6DS	H	13	3	72F	5W	52
WD6FDD	H	9	2	55F	5W	36
K3AS	H	6	5	70F	5W	30
AA4RP	H	6	5	65F	5W	30
W7HQO	H	5	4	72F	5W	20
WB6FZH/KH6	H	4	2	70F	5W	8

(80 logs should be listed)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Mon, 11 May 1998 12:46:54 -0700 (MST)
 From: Joe Gervais <vole@primenet.com>
 To: qrp-1@Lehigh.EDU
 Cc: vole@primenet.com
 Subject: [10722] FYB0 Logs by Temp (2nd try)
 Message-ID: <199805111946.MAA25343@usr07.primenet.com>
 MIME-Version: 1.0
 Content-Type: text/plain; charset=US-ASCII
 Content-Transfer-Encoding: 7bit

(Please report missing logs immediately to vole@primenet.com)

NOTE: A (*) next to a callsign indicates multi-op.

FYB0 '98 RESULTS (sorted by temperature)

Callsign	Loc	Q's	SPC	Temp	Power	Score
----------	-----	-----	-----	------	-------	-------

WQ0RP (*)	F	123	37	18F	5W	218,448
AB7TT	F	41	11	20F	5W	18,040
N0GLM/T+	F	9	7	24F	5W	2,240
KI0II	F/H	14	12	29F	5W	4,720
NA5N/7	F	17	10	31F	5W	5,440
KI7MN	F	15	10	31F	5W	4,800
N7KT	F	21	7	31F	3W	4,704
K50I/7	F	32	18	33F	5W	18,432
WA5WHN/7	F	28	7	33F	1W	6,272
KB9IUA	H	20	13	33F	5W	1,040
N5ZGT/7	F	22	12	34F	4W	8,448
N0QT	F	11	10	34F	5W	3,520
NF3I (*)	F	69	34	37F	5W	75,072
AB5UA	F	35	19	37F	2W	21,280
N4JS	F	36	18	37F	5W	20,736
K07X	H	66	31	37F	5W	8,184
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WB6JBM/8	F	46	22	40F	2W	24,288
N2TNN	F	28	13	40F	2W	8,736
WV3B	F	10	6	40F	5W	720
AF5Z (*)	F	53	24	44F	4W	20,952
KI0KY (*)	F	12	7	44F	5W	2,016
KN6YD	F	14	6	44F	2W	1,344
WD8RIF	F	29	19	46F	5W	13,224
W8MHV	F	7	3	46F	5W	504
N7CEE (*)	F	45	19	48F	900mW	41,040
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N6WG	H	38	10	55F	5W	1,520
WE6W	H	58	12	55F	5W	1,392
WD6FDD	H	9	2	55F	5W	36
K6PZB	H	12	3	56F	2W	144
AB70A	F	14	7	58F	5W	1,568
N1MVU	H	6	5	59F	5W	60
W5FN	F	16	11	60F	950mW	5,632
AC6KW	H	62	20	60F	5W	4,960
N7XJ	H	56	26	60F	5W	2,916
WZ2T	H	50	22	60F	5W	2,200
WB5QYT	F	14	5	60F	5W	560
N8ET	F	4	4	60F	950mW	256
W6KI	H	16	4	60F	2W	256
VE7CQK	H	8	7	60F	5W	112
AA0SM	H	18	14	62F	950mW	2,016

KJ5CI	F	4	4	62F	1W	128
NA3V	H	17	11	63F	4W	374
N0TU/flu :-)	H	11	8	63F	5w	352
WA20CG/7	H	17	13	64F	5W	884
KU7Y	H	30	14	65F	200mW	840
AA4RP	H	6	5	65F	5W	30
W6PRI	H	14	4	68F	5W	56
NQ7RP	H	66	30	70F	5W	1,980
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KW5OK	H	20	13	70F	5W	260
AA9KH	H	15	12	70F	5W	180
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W3CD	H	14	10	72F	5W	140
K8ZAA	H	13	10	72F	5W	130
KB0SBA	H	13	9	72F	5W	117
KB6FPW	H	18	5	72F	4W	90
KC4MHM	H	9	9	72F	5W	82
N7RI	H	10	8	72F	5W	80
K8CV	H	9	7	72F	5W	63
KJ3V	H	8	7	72F	5W	56
KI6DS	H	13	3	72F	5W	52
W7HQ0	H	5	4	72F	5W	20

(80 logs should be listed)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Mon, 11 May 1998 14:12:02 -0600 (MDT)
 From: Paul Harden <pharden@aoc.nrao.edu>
 To: Roger Hightower <n7kt@earthlink.net>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10723] Re: Ahhoooga Ahhoooga, DIVE DIVE DIVE!!!!!!
Message-ID: <Pine.SOL.3.91.980511140706.25291A-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 11 May 1998, Roger Hightower wrote:
> Well, I'll sure listen for you. I served on Queenfish (SS393) and
> Volador (SS490) early in my Naval career.
> --
> 72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ

And I'll be listening too ...
Made 10 patrols on the USS Robert E. Lee (SSBN 601) in the 1970's.
My son is now in subs, a sonarman on the USS Nebraska (SSBN 739)
(Both are the missile subs)

I didn't know you were an ole sub sailor, Roger. How many other QRPers
are bubbleheads? Now I know why we fit in so well!

72, Paul NA5N (ss)

Date: Mon, 11 May 1998 13:21:15 -0800
From: chunt@macromedia.com (Christian Hunt)
To: qrp-l@Lehigh.EDU
Subject: [10724] Re: Planes, Trains, Subs.....and...
Message-ID: <v02140b00b17d1a52f513@[192.168.22.76]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Looks like most of the bases are covered! We have QRPers in the air,
>land, tracks, and now on the sea!! Even have some QRPers on bicycles!
>Know a guy here that does hang gliding, but think it is only on 2
>meters! Ain't QRP great!!

Just to add to your list, I've even been QRP on my skateboard. ;)

Christian O. Hunt - QA Punk & Unix Demigod
Macromedia San Francisco - x2314

Date: Mon, 11 May 1998 14:31:28 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: "David, n2zhy" <n2zhy@amsat.org>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [10725] Re: Ahhoooga Ahhoooga, DIVE DIVE DIVE!!!!!!
Message-ID: <Pine.SOL.3.91.980511141749.26266A-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 11 May 1998, David, n2zhy wrote:
> Ahhoooga Ahhoooga, Dive Dive Dive!!!

P.S. - A little submarine trivia ...

It's Ahhoooga, ooga, DIVE DIVE
and Ahhooga, ooga, ooga, SURFACE, SURFACE, SURFACE

In other words, the claxon rings twice and you announce DIVE twice, while for surfacing, it is repeated 3 times. In "Hunt for Red October," when the fast attack sub dove, is the only movie I've seen it done right :-). In "Ice Station Zebra," the diving alarm rang for at least 3 minutes before they opened the vents!

ObQRP: If you don't like submarine trivia, then how about posting something QRP related? Where's all the traffic?

Date: Mon, 11 May 1998 15:36:20 -0500
From: Goemans <jgoemans@facstaff.wisc.edu>
To: qrp-1@Lehigh.EDU
Subject: [10726] Madison, Wi area QRP-Ler to Dayton?
Message-ID: <199805112036.PAA25762@mail11.doit.wisc.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all,

I ain't going to Dayton this year :-(Is anyone near Madison, Wi willing to

pick up all the QRP goodies you can for me while you are scurrying around Dayton? I mean the QRP vendor stuff, K2, OHR, S and S, etc...
Oh and a Shurr Wabler (I 'll gladly pay you next Tuesday...)

72, Paul

Paul R Goemans WA9PWP
1508 Sundt Lane
Stoughton, Wi. 53589-1069 608-877-4151
QRP ARCI 7291 NorCal 1226 QRP-L 127 FISTS 2153 G QRP 9879

Date: Mon, 11 May 1998 15:39:31 -0500
From: "Fred Ringwald" <fred@innocent.com>
To: <pharden@aoc.nrao.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [10727] Re: Ahhoooga Ahhoooga, DIVE DIVE DIVE!!!!!!
Message-ID: <001801bd7d1c\$e816b340\$5970d9d0@fred.ott.net>

Since Paul asked for a poll, I'll admit to having been a bubblehead myself. I was on the USS Snook SSN-592, USS Nathaniel Green SSBN-636, and USS Ulysses S. Grand SSBN-631.

73s,

Fred Ringwald, AB0AE
fred@innocent.com
-----Original Message-----
From: Paul Harden <pharden@aoc.nrao.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Monday, May 11, 1998 3:30 PM
Subject: Re: Ahhoooga Ahhoooga, DIVE DIVE DIVE!!!!!!

>
>
>On Mon, 11 May 1998, Roger Hightower wrote:
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>> 72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ
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>(Both are the missile subs)
>
>I didn't know you were an ole sub sailor, Roger. How many other
QRPers
>are bubbleheads? Now I know why we fit in so well!
>
>72, Paul NA5N (ss)
>
>

End of QRP-L Digest 1088

